

FIG. 1

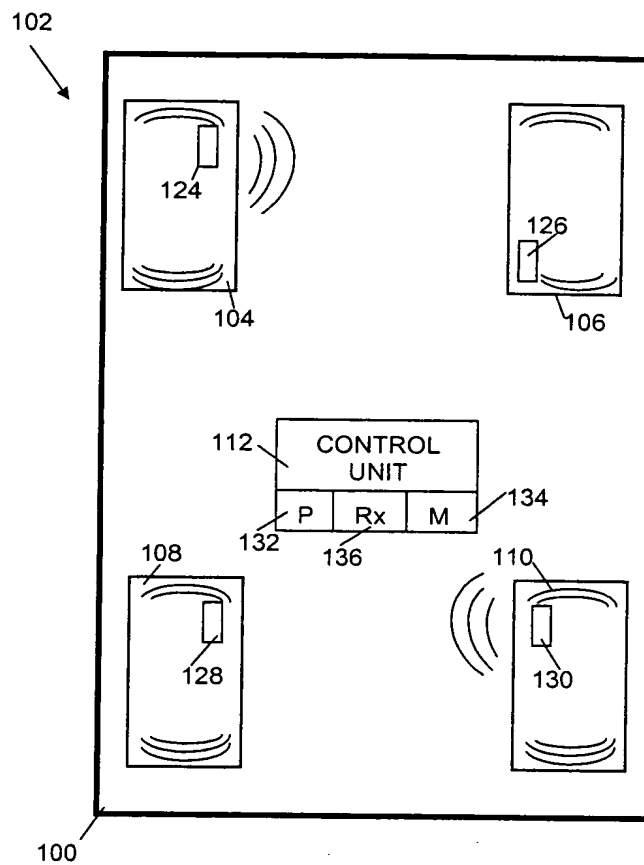
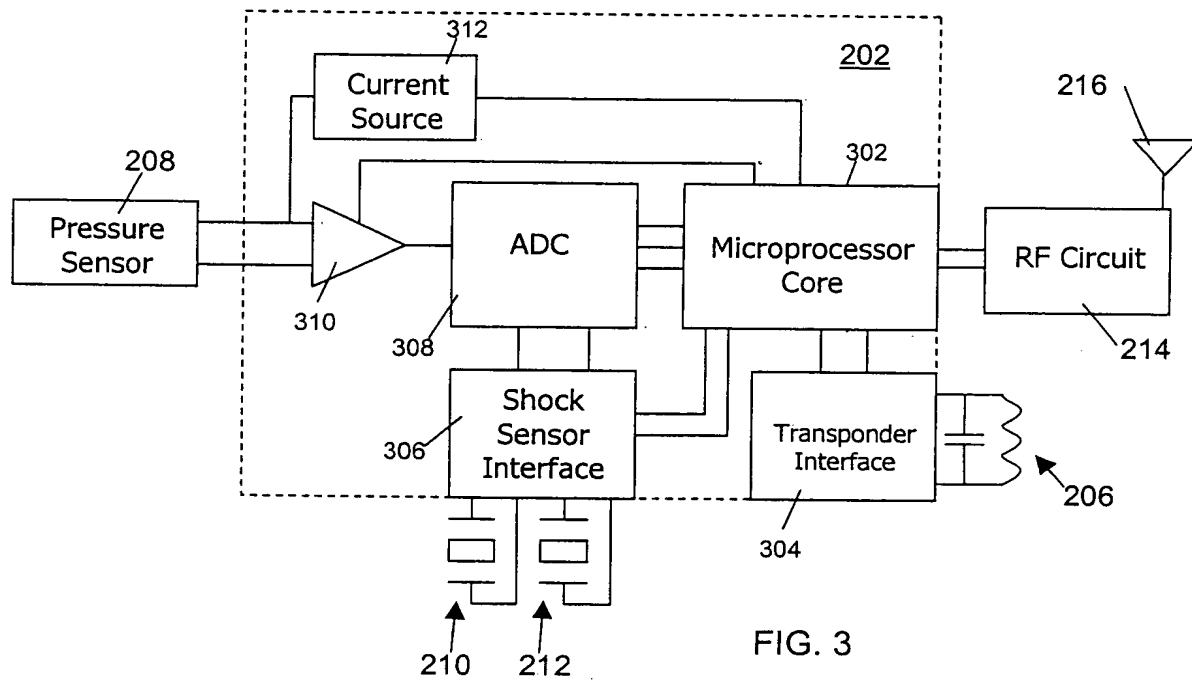
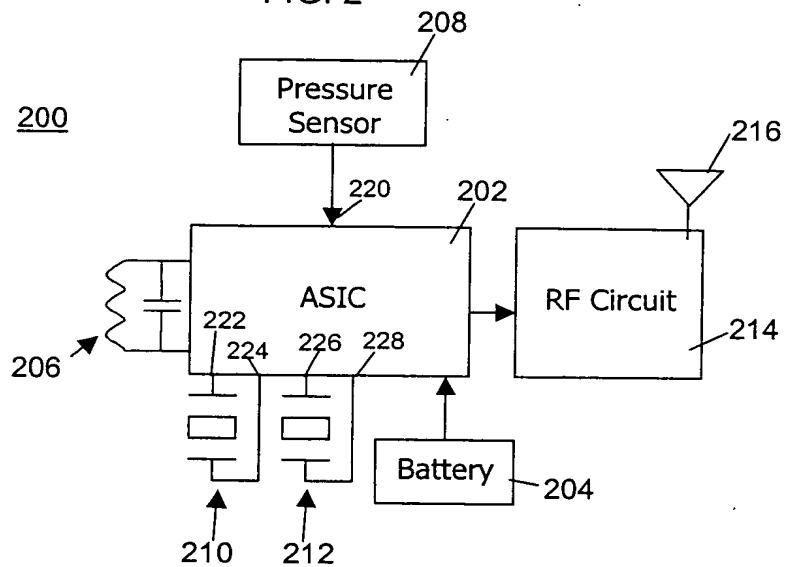
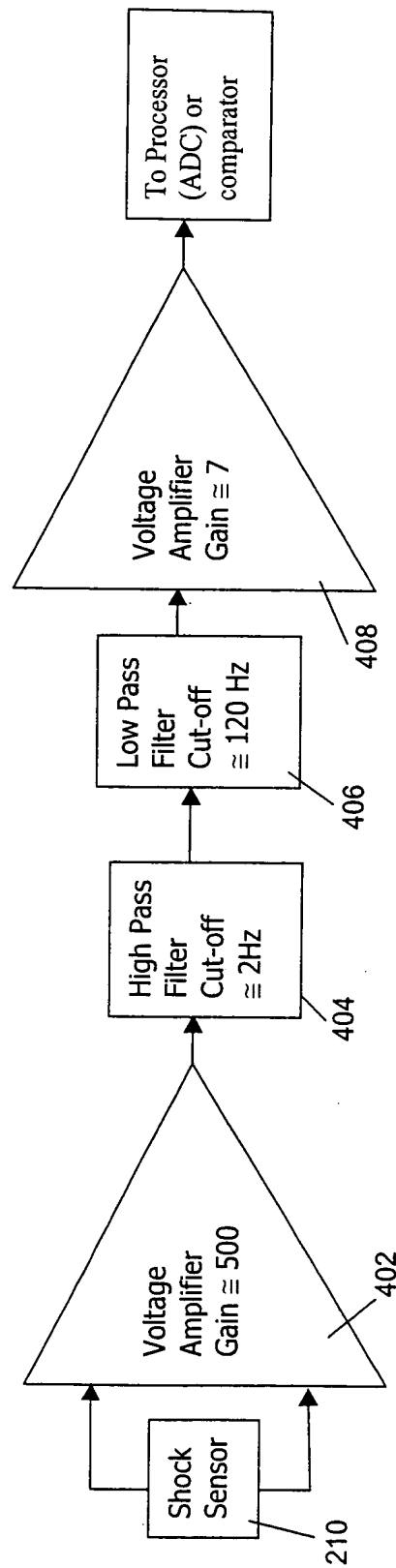


FIG. 2





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FIG. 4

FIG. 5

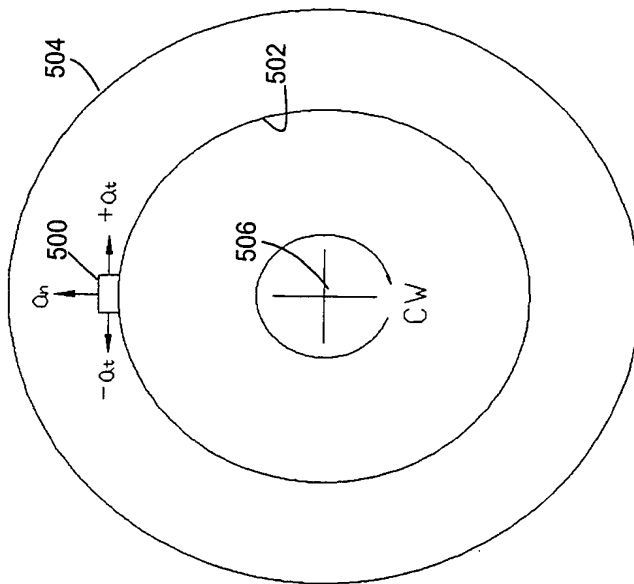
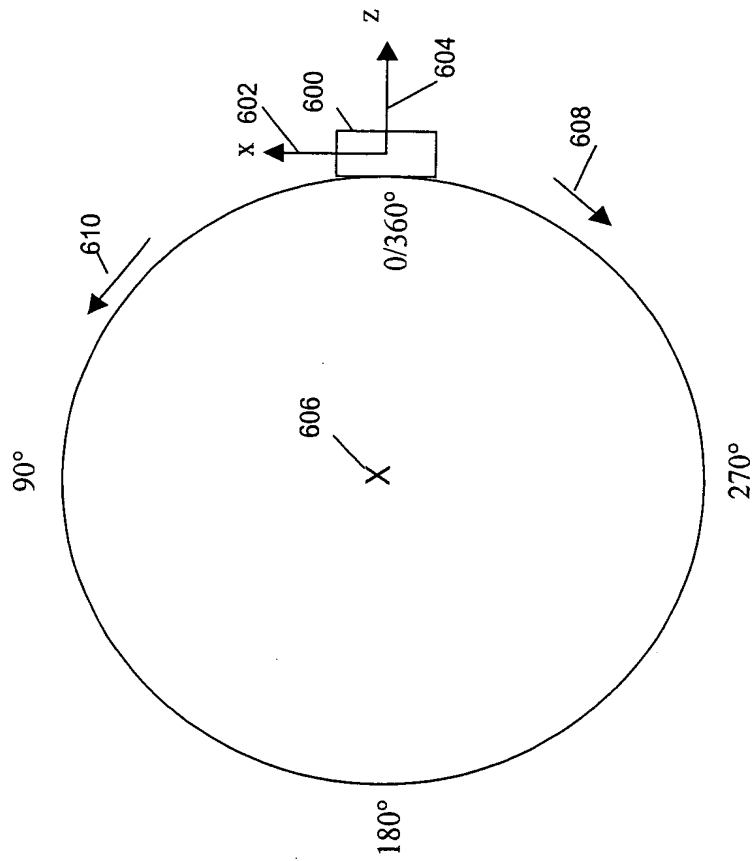


FIG. 6



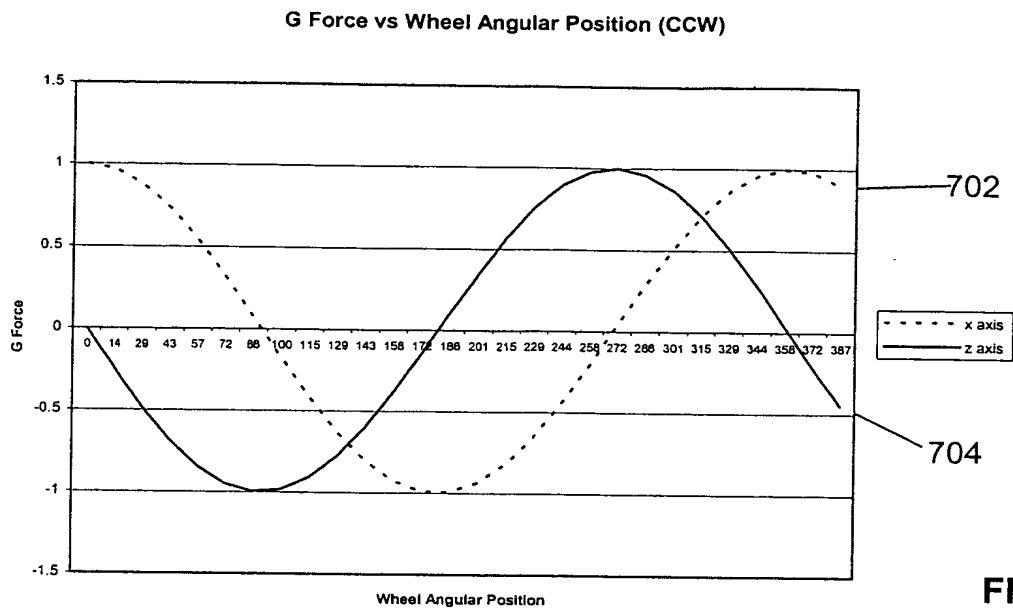


FIG. 7

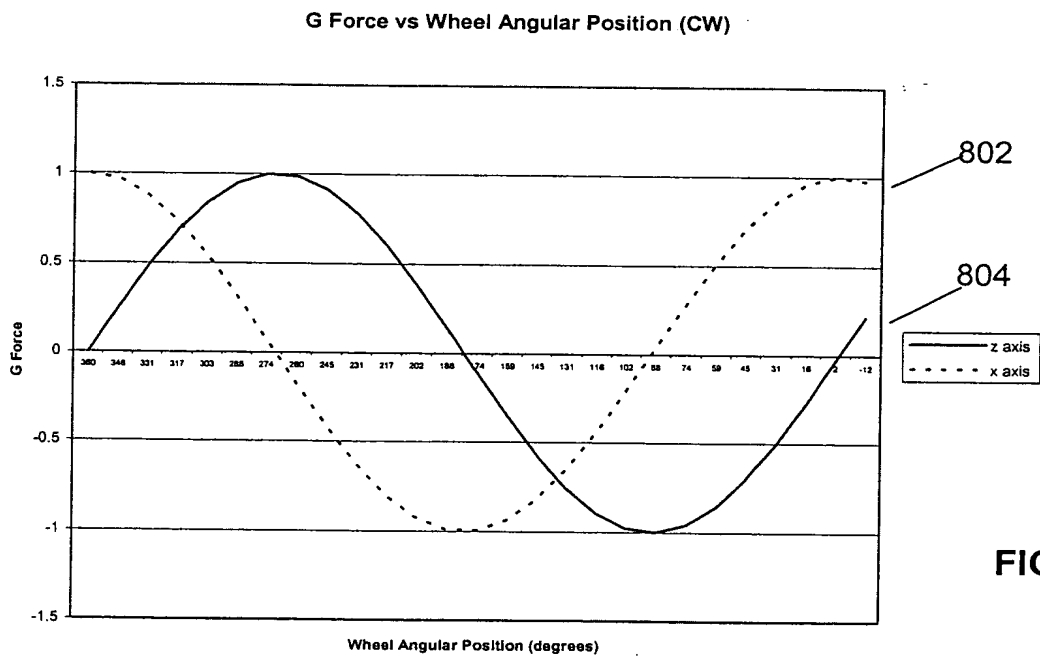


FIG. 8

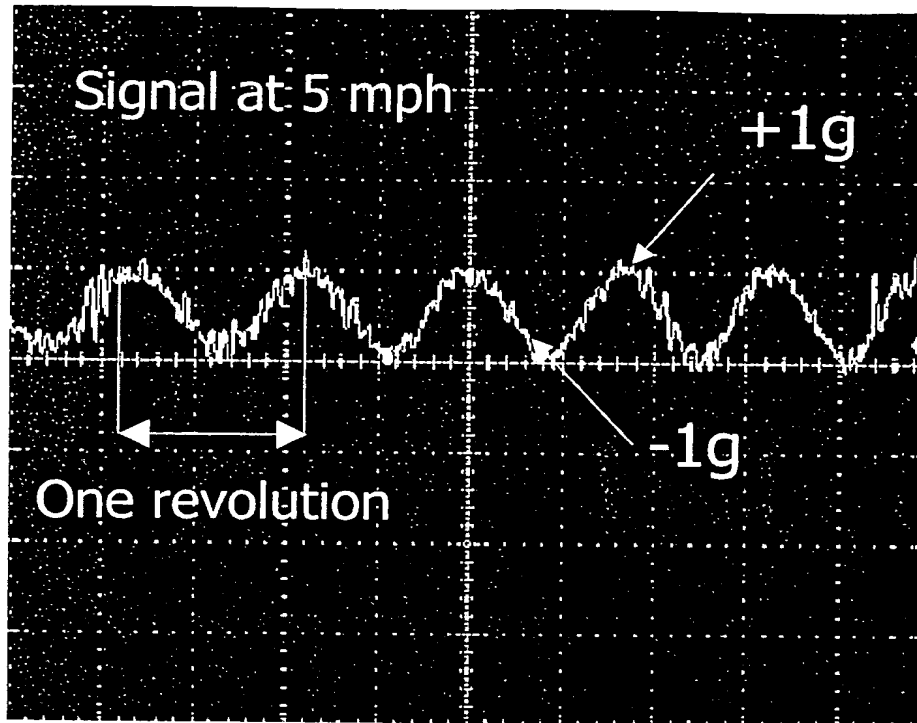


FIG. 9

(a)

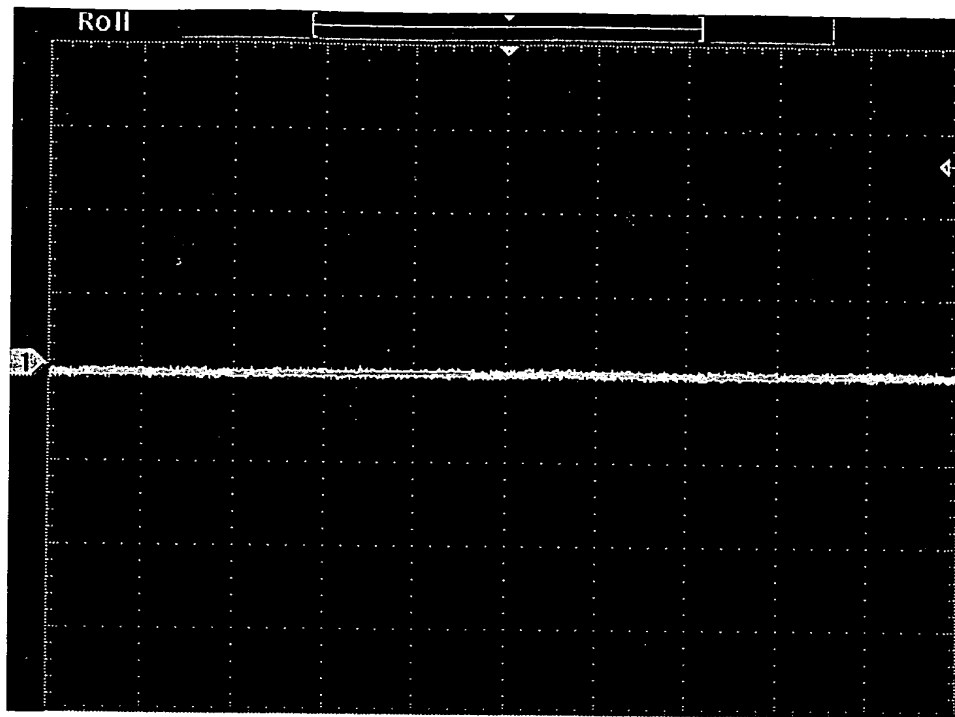
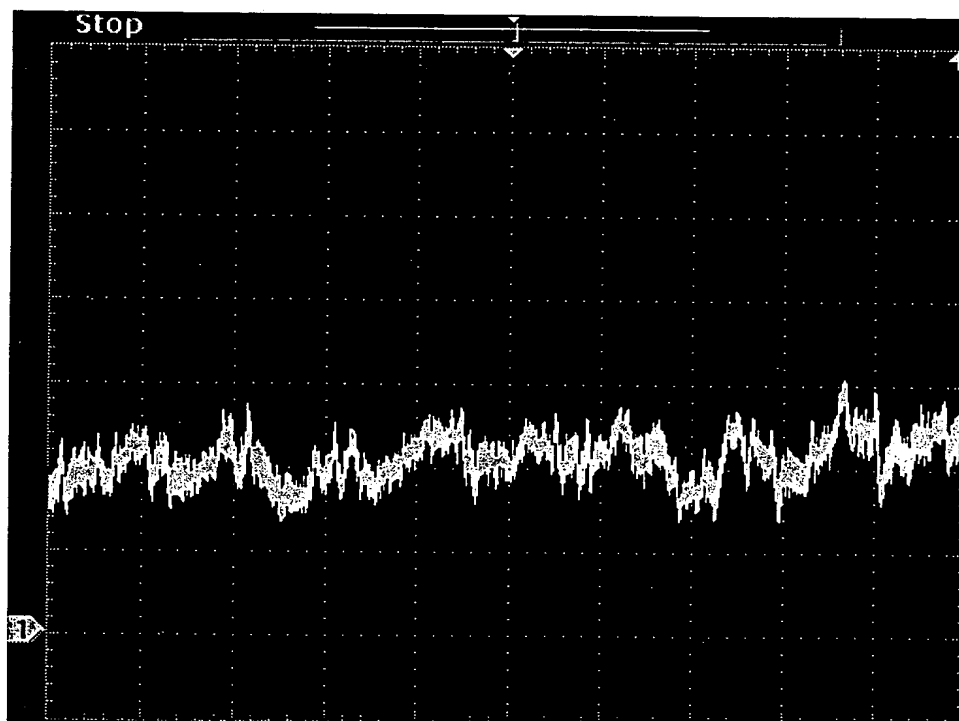


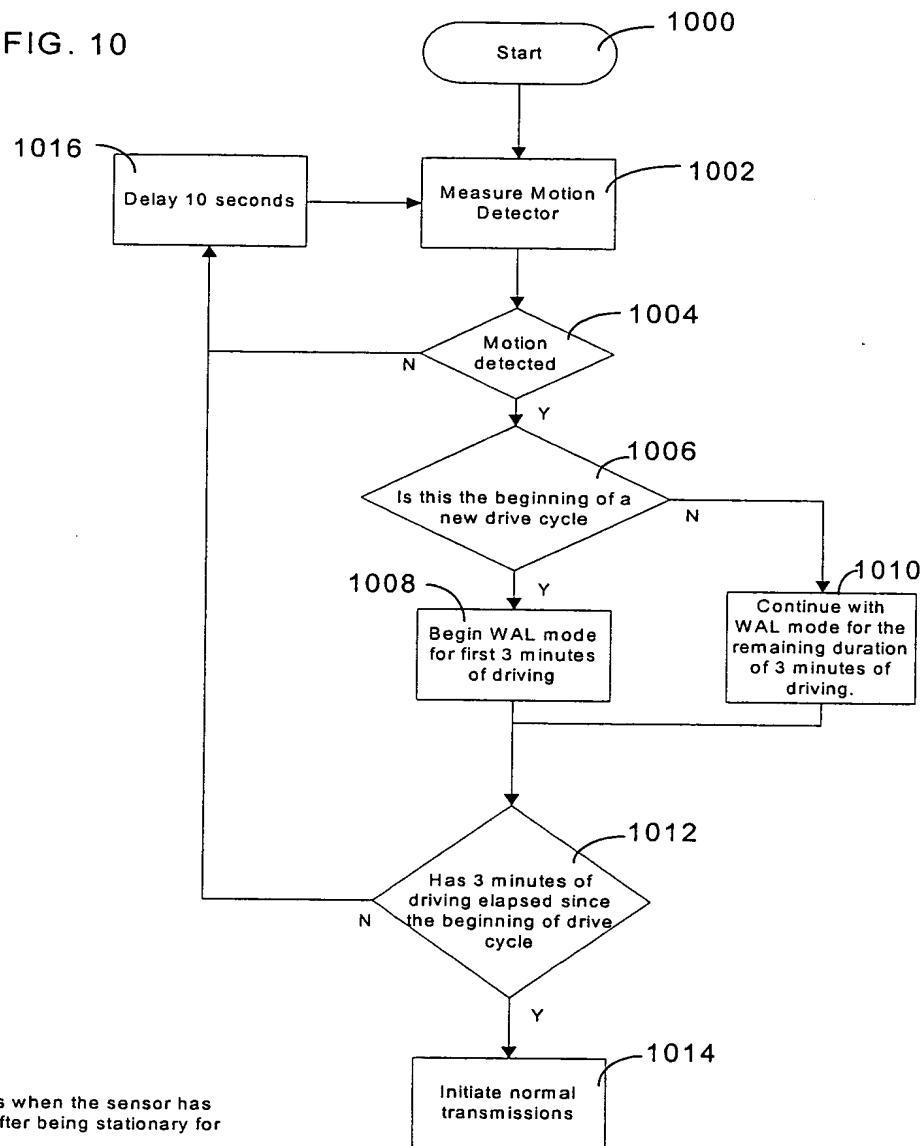
FIG. 9

(b)



(c)

FIG. 10



A new drive cycle is defined as when the sensor has returned to a state of motion after being stationary for at least 10 minutes

Shock Sensor roll sample
(alternate X&Y)

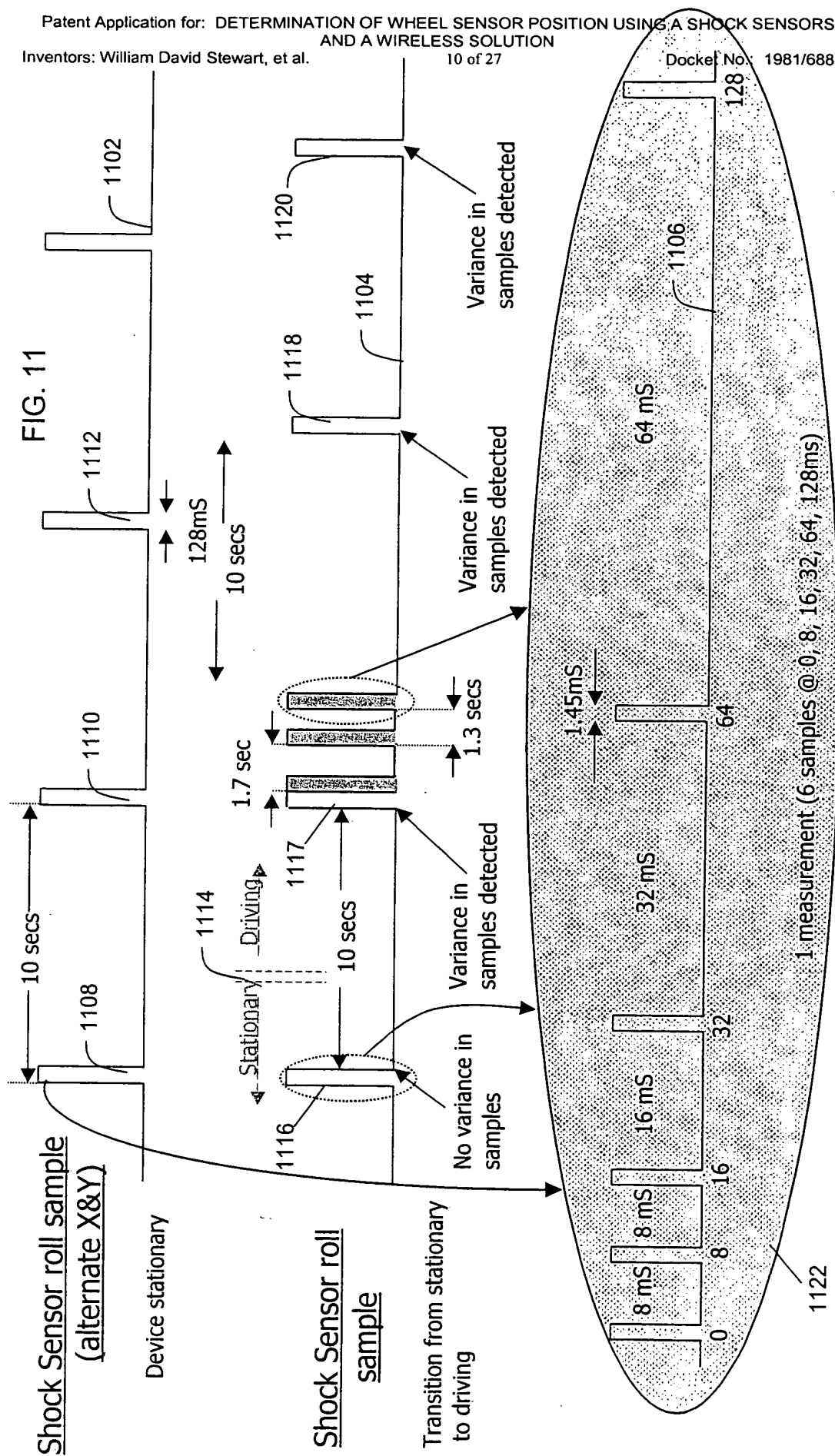


FIG. 12

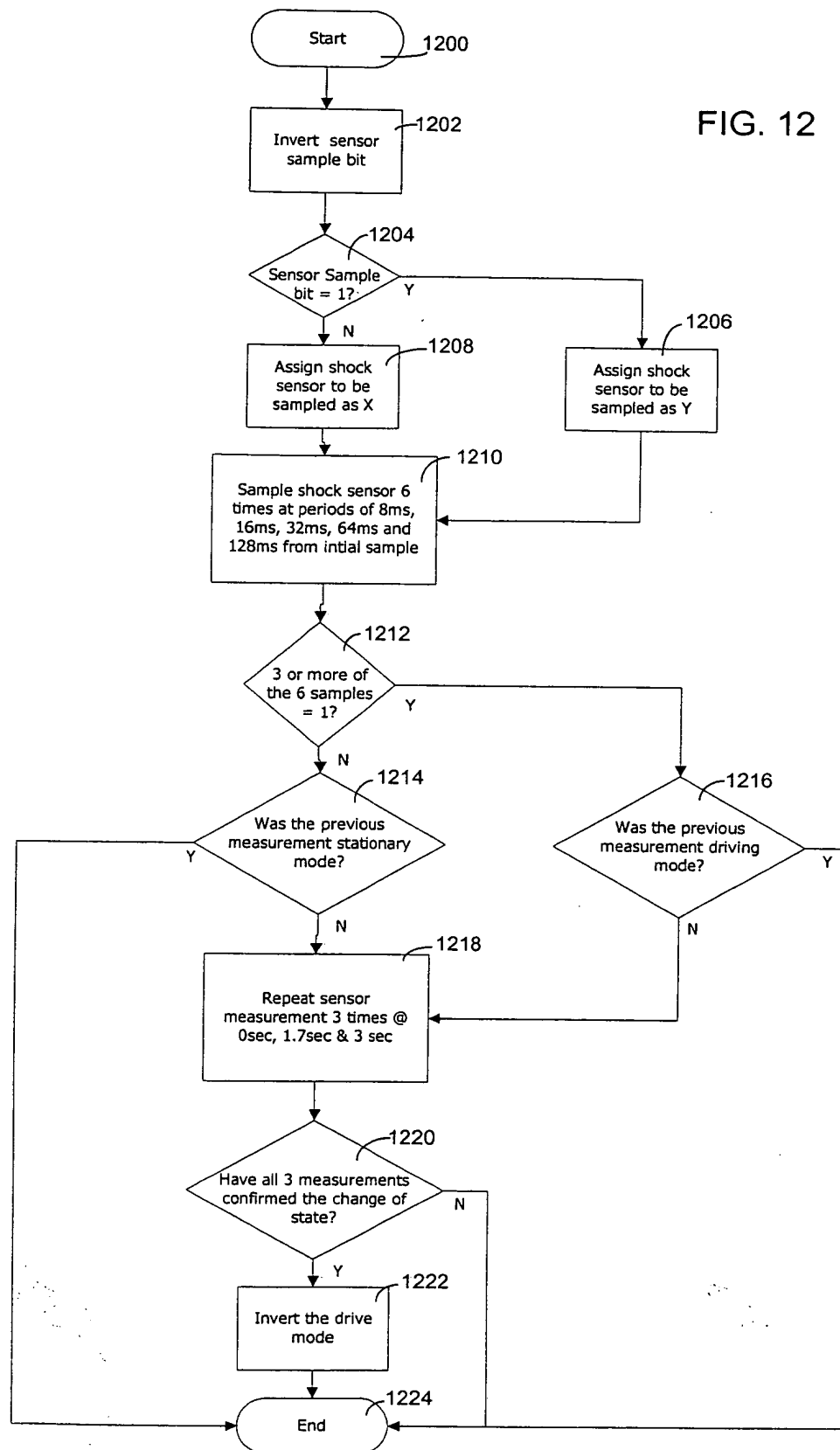
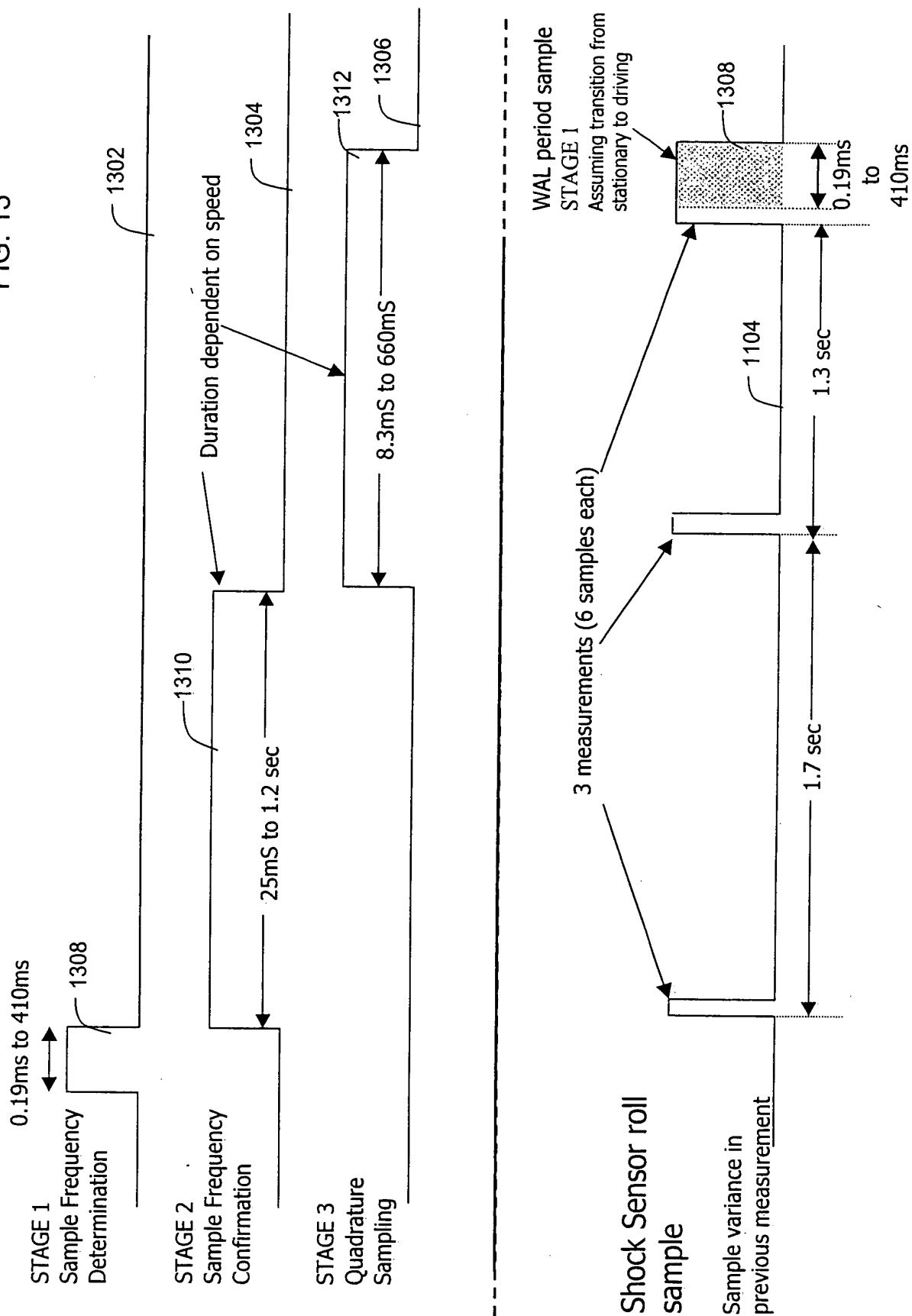
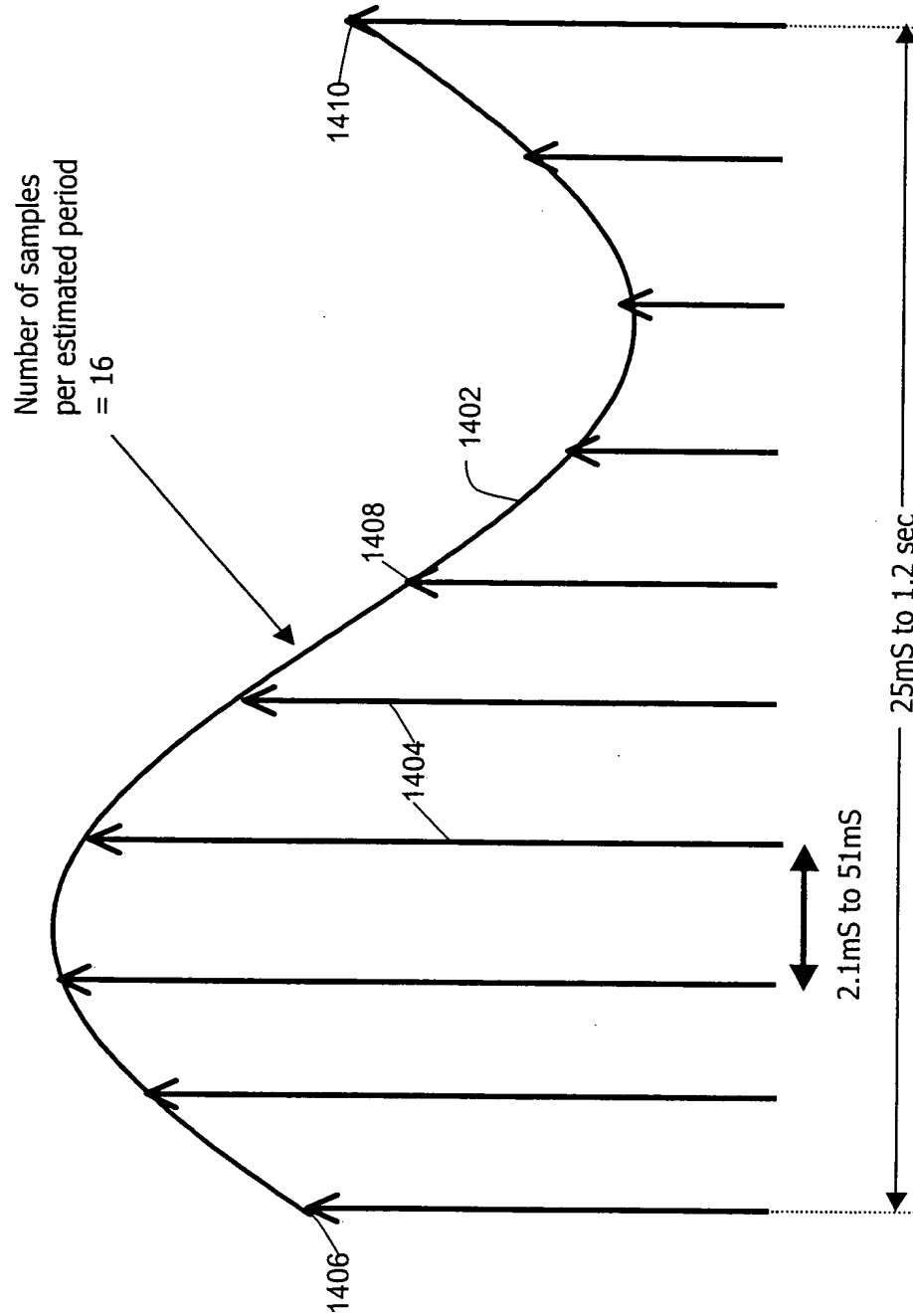


FIG. 13



STAGE 2
Frequency
Confirmation

FIG. 14



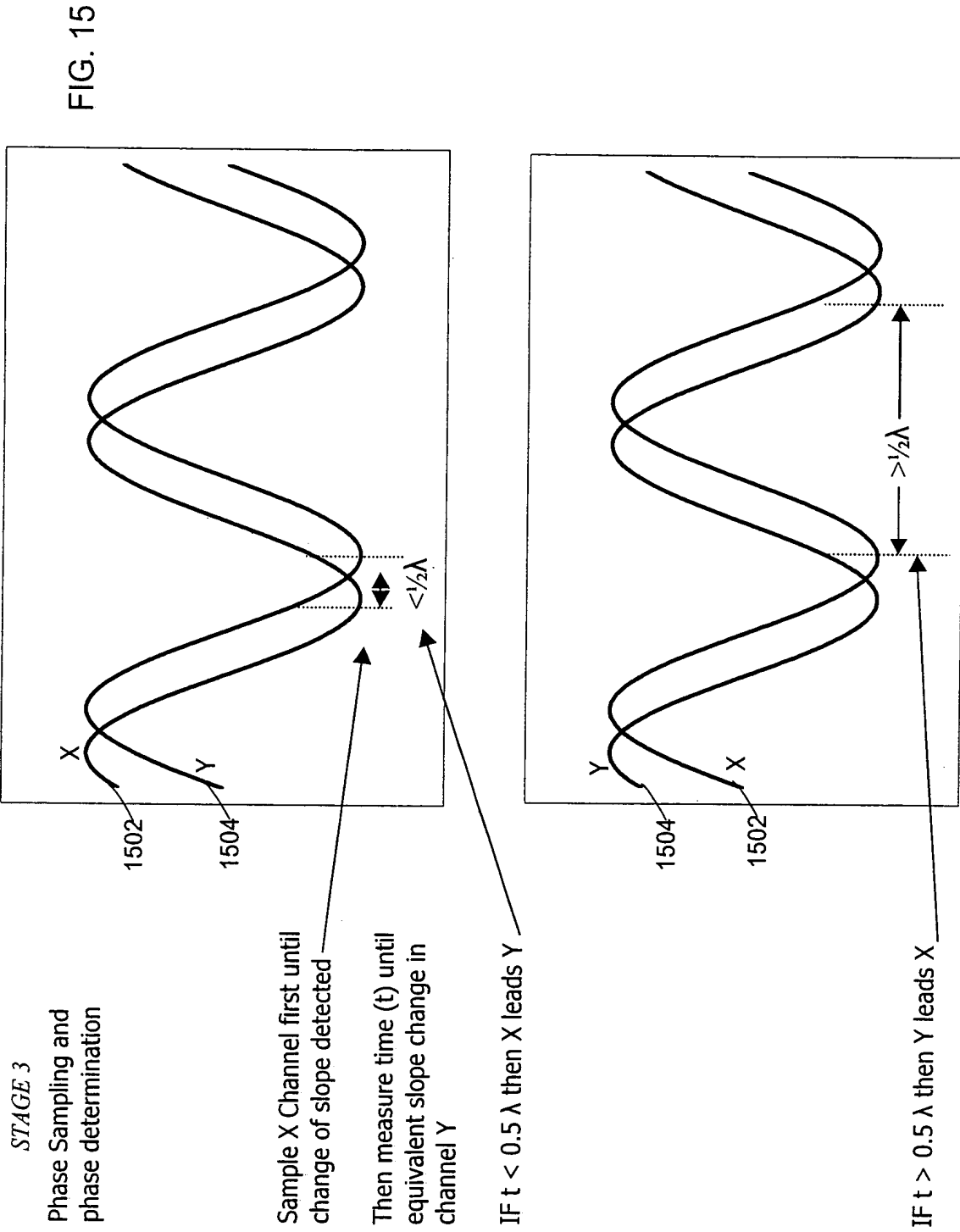


FIG. 16

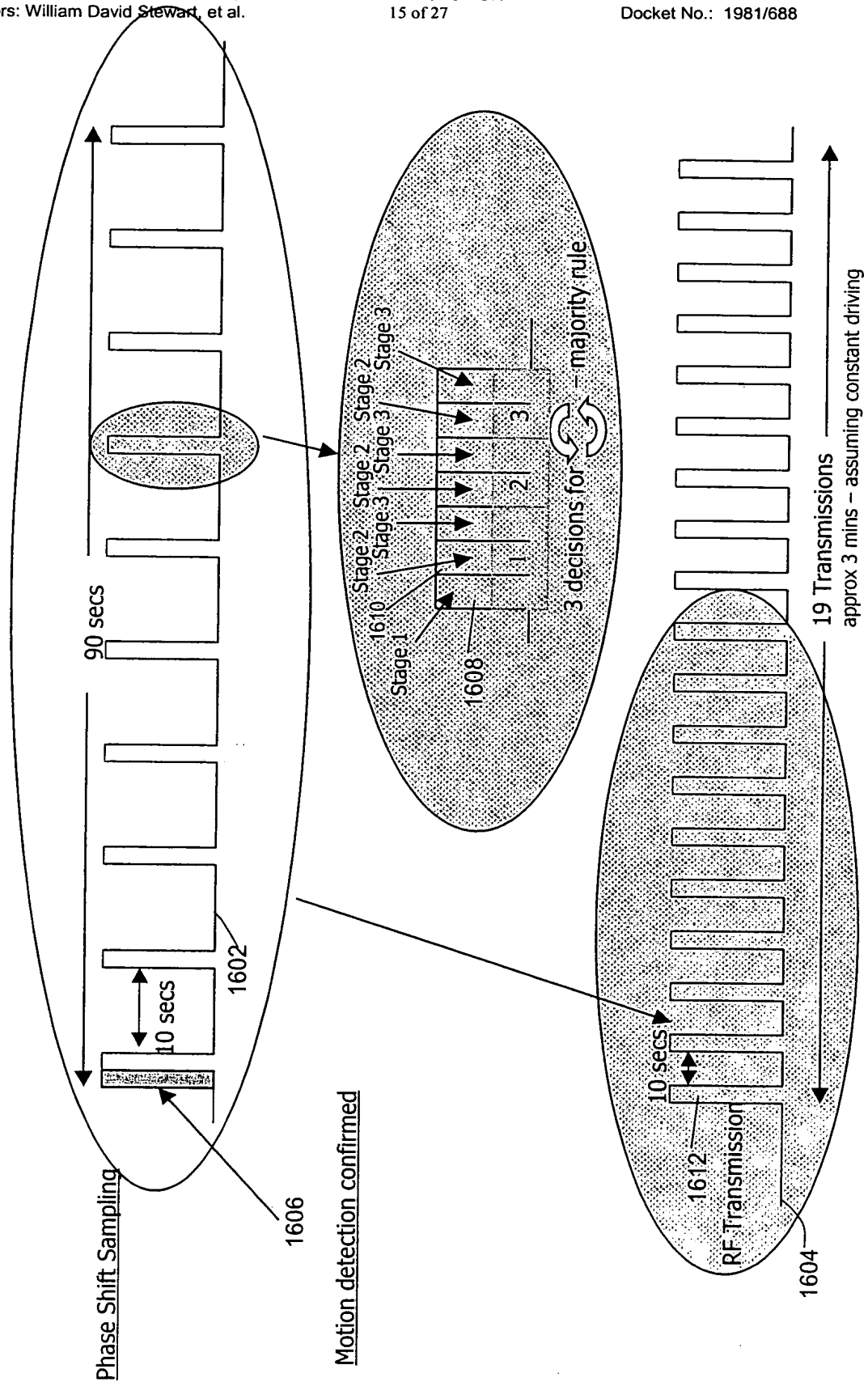


FIG. 17

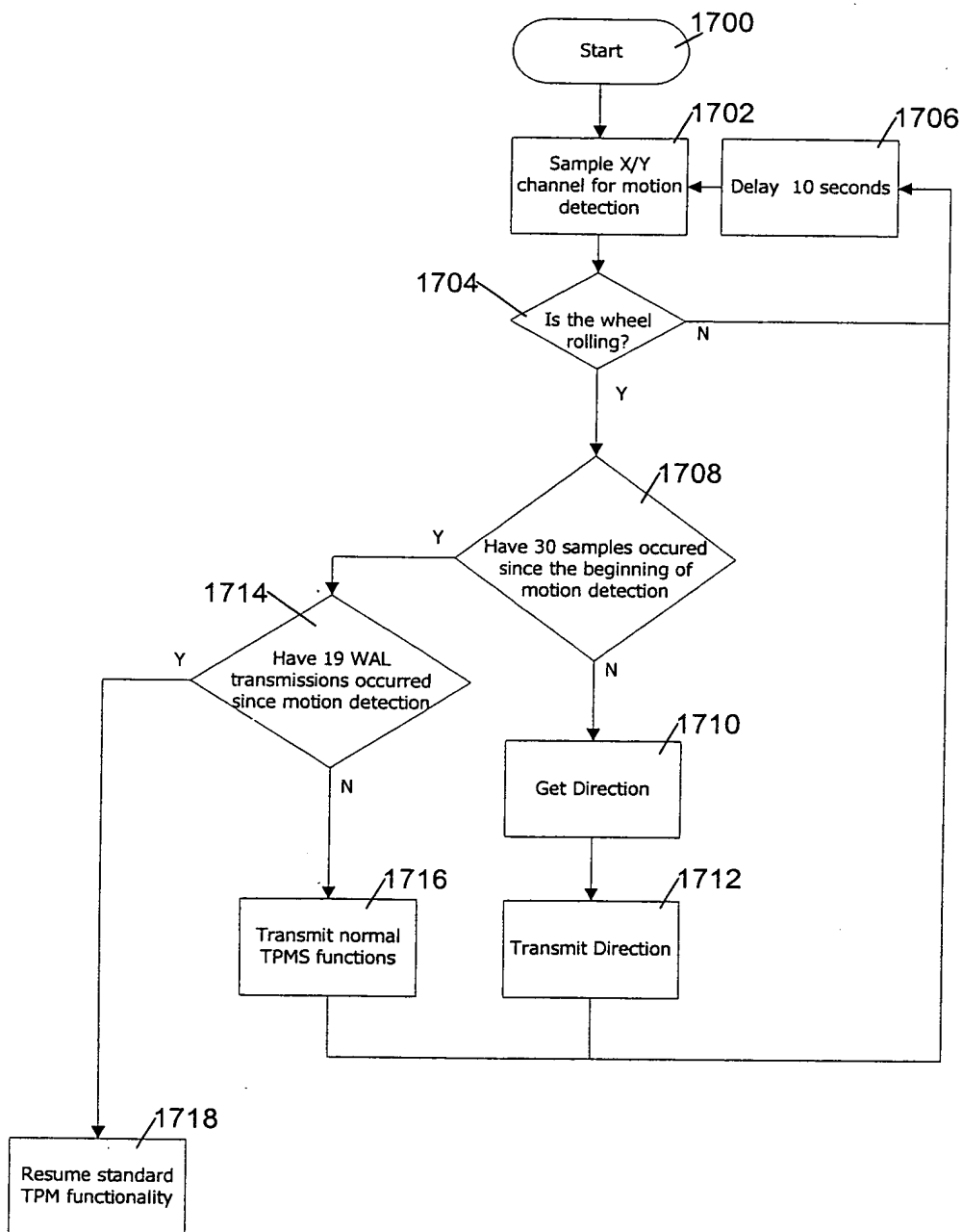


FIG. 18

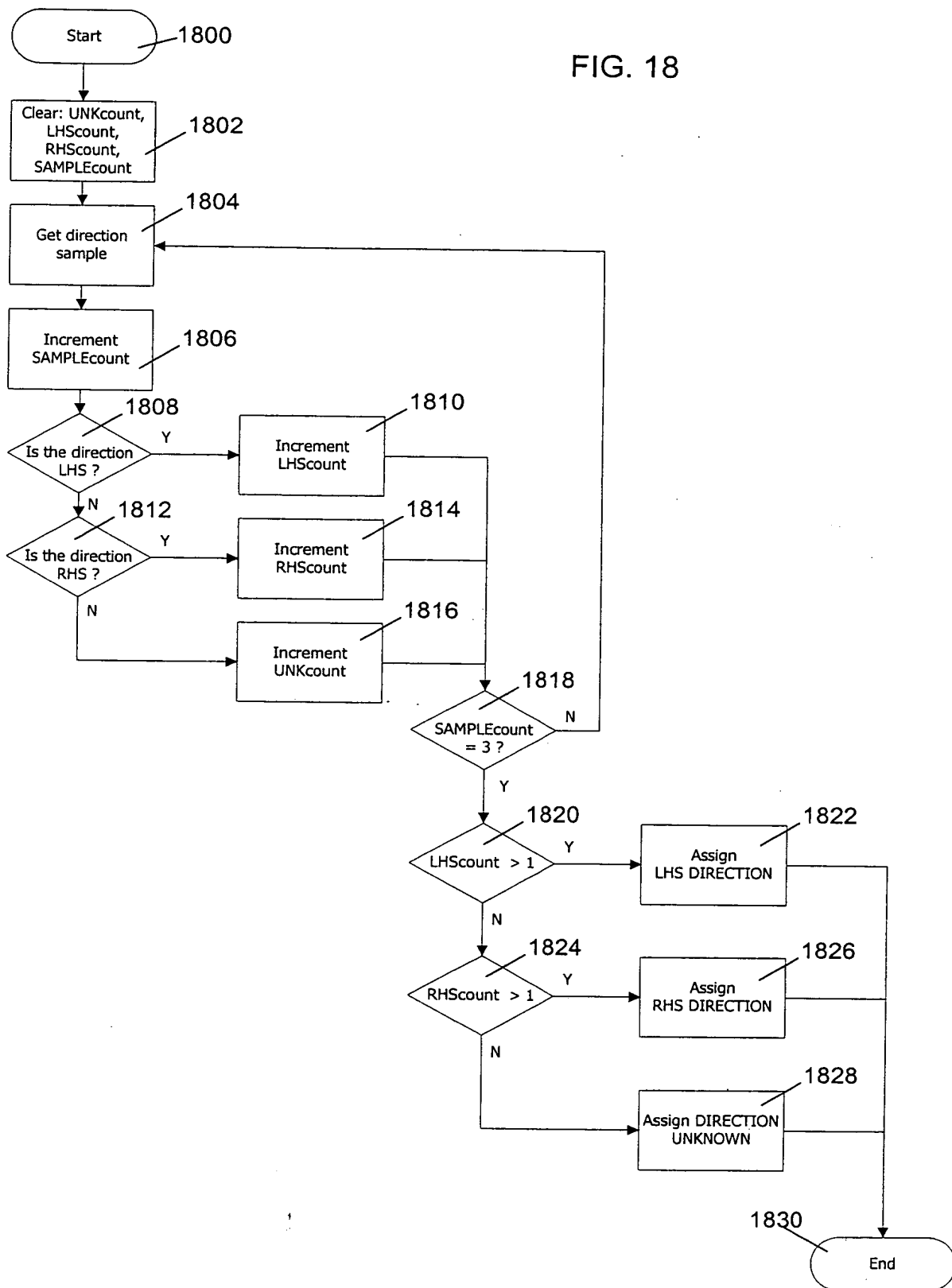
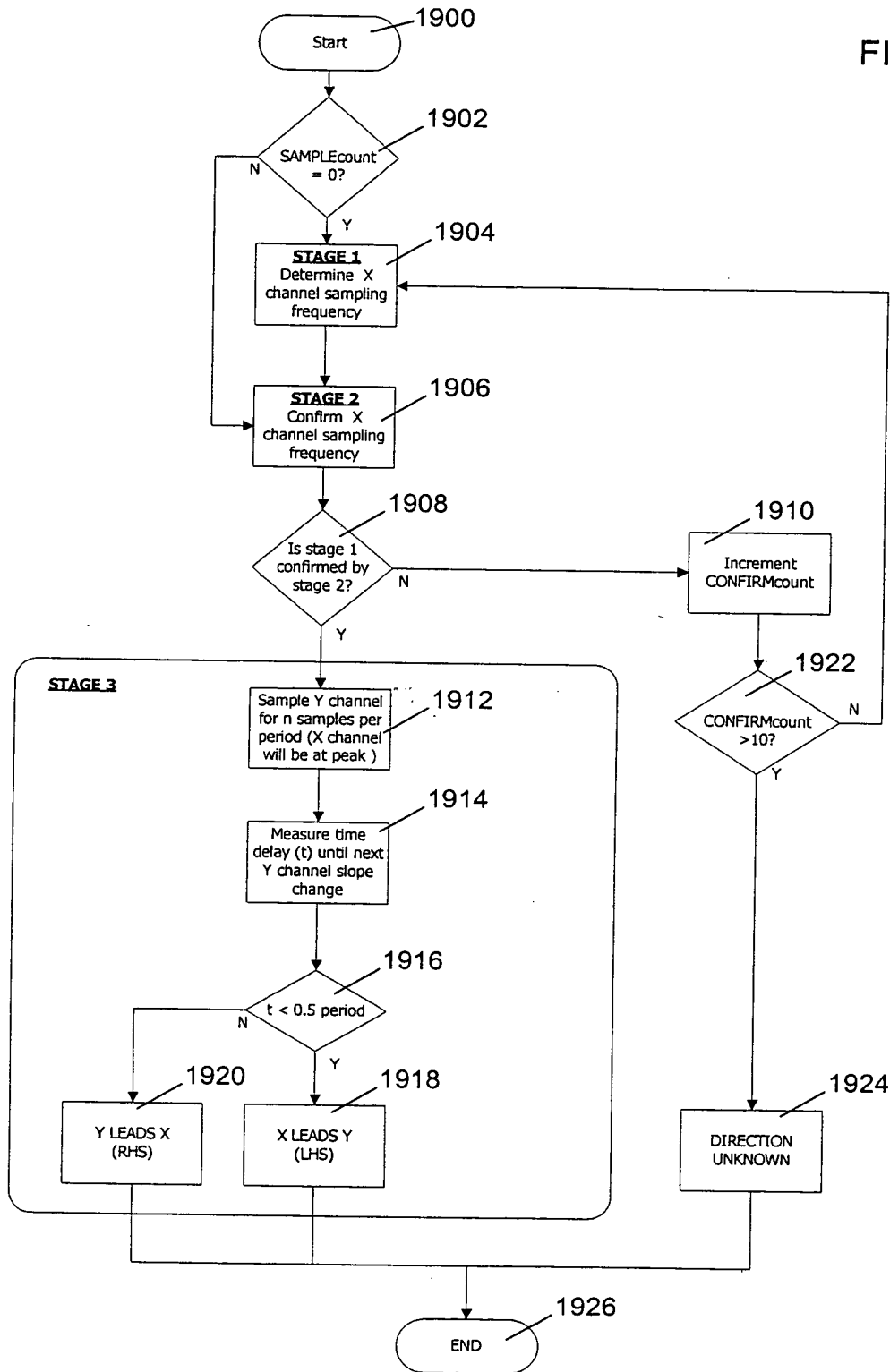


FIG. 19



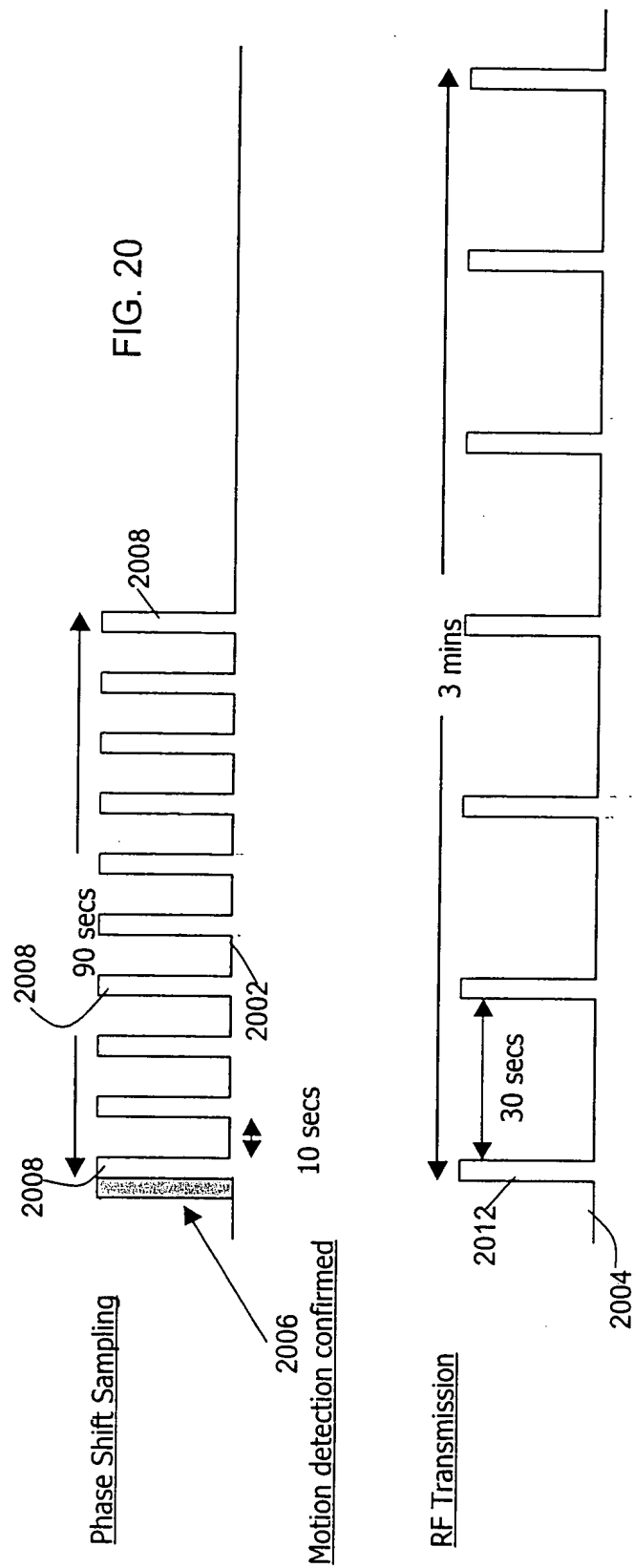


FIG. 21

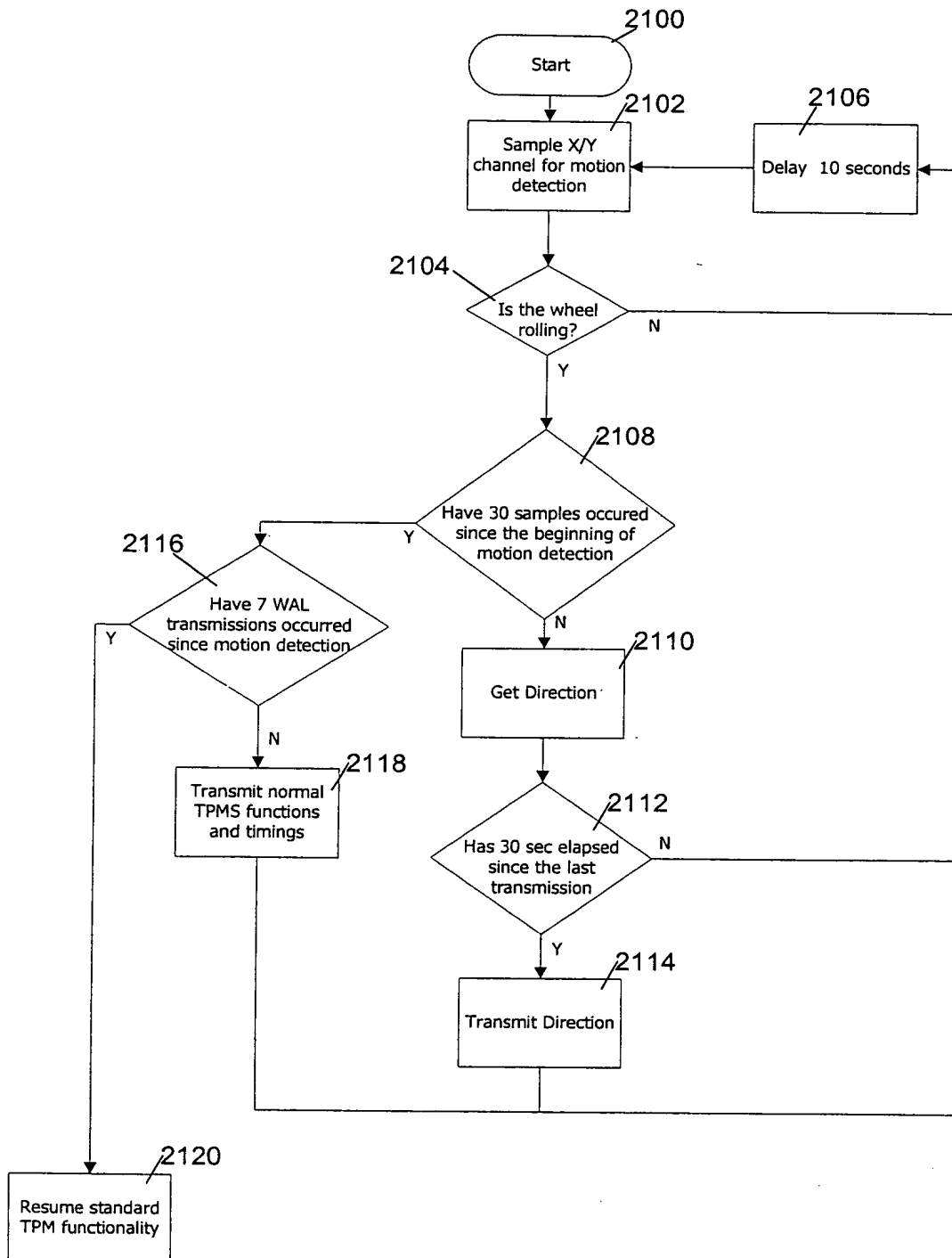


FIG. 22

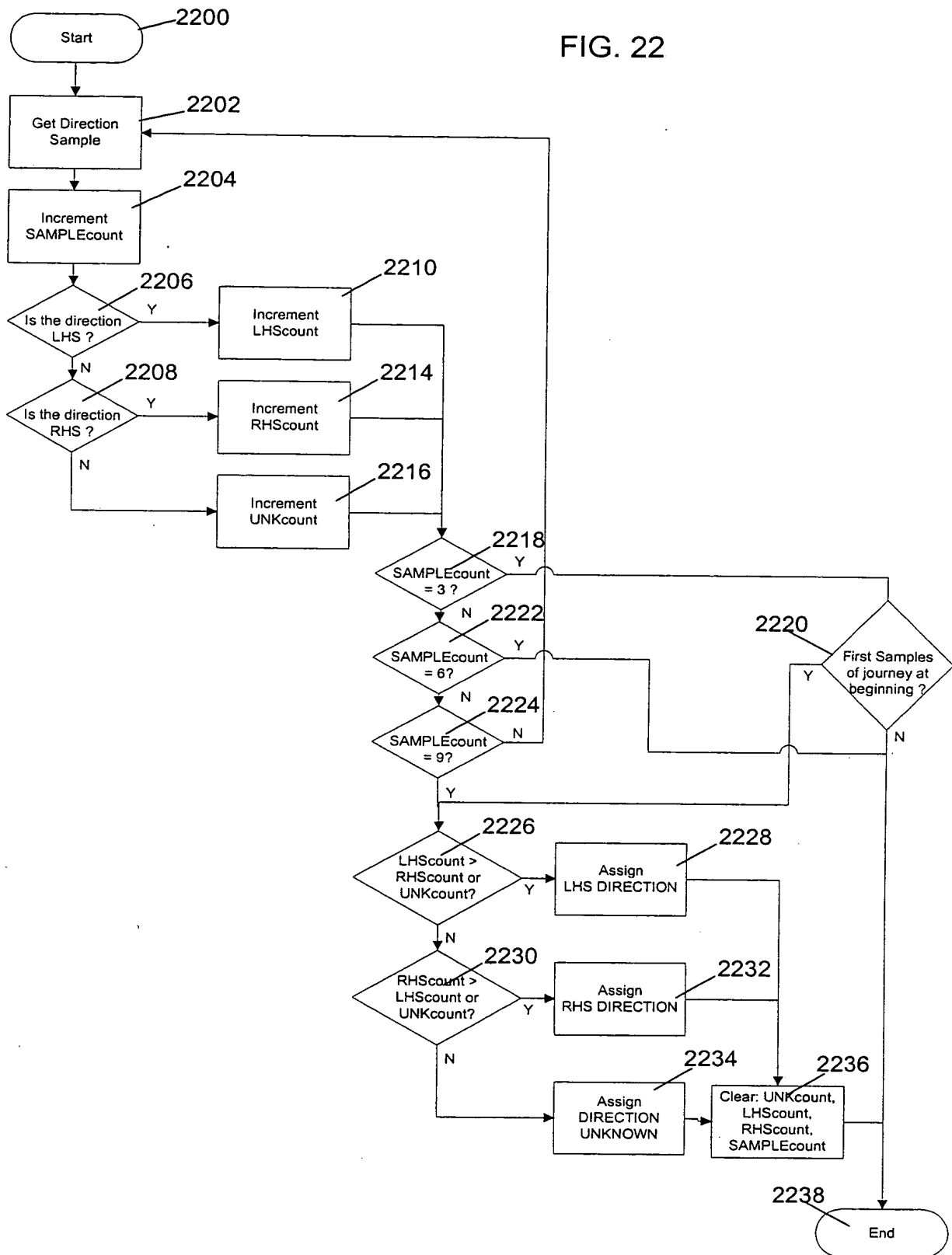


FIG. 23

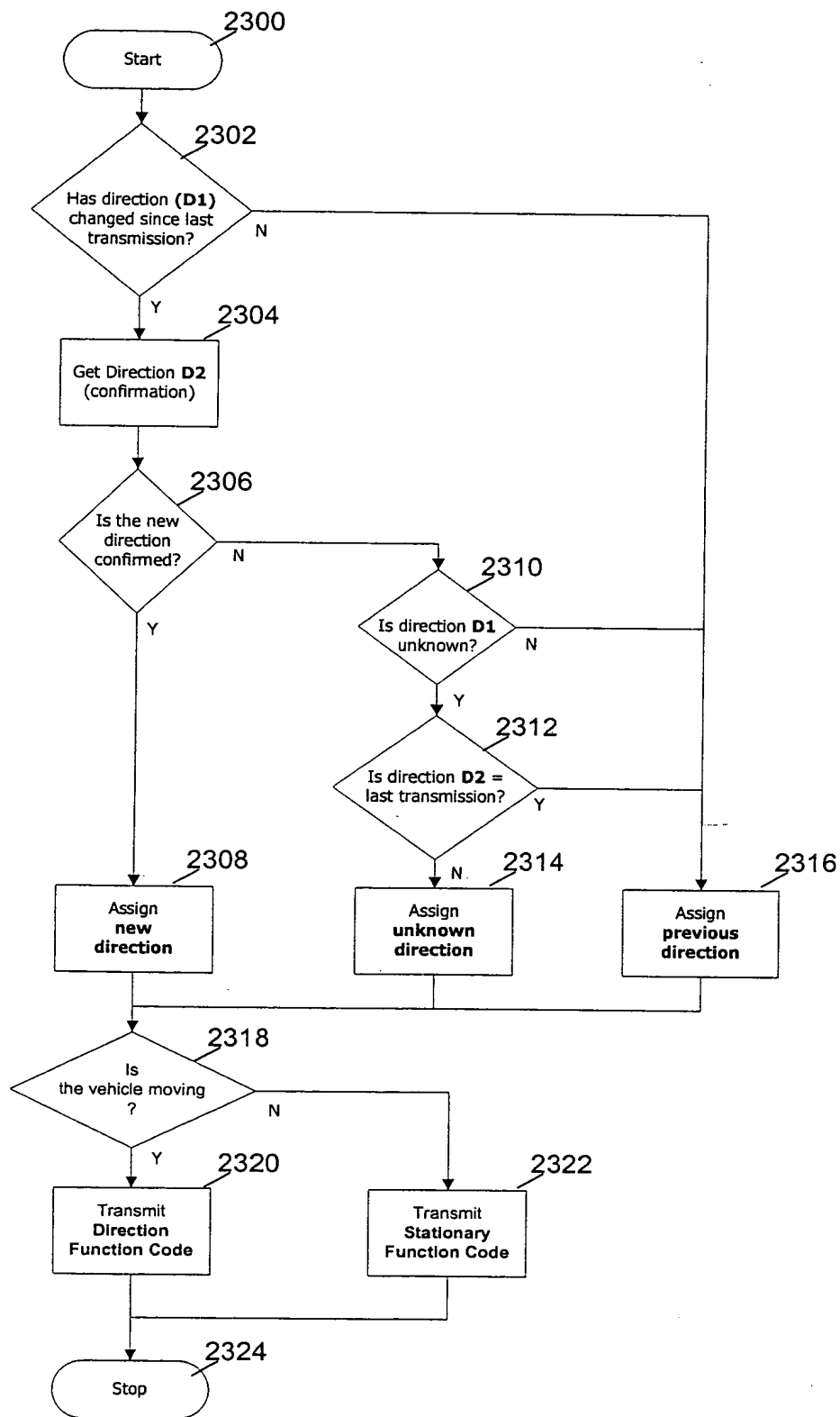
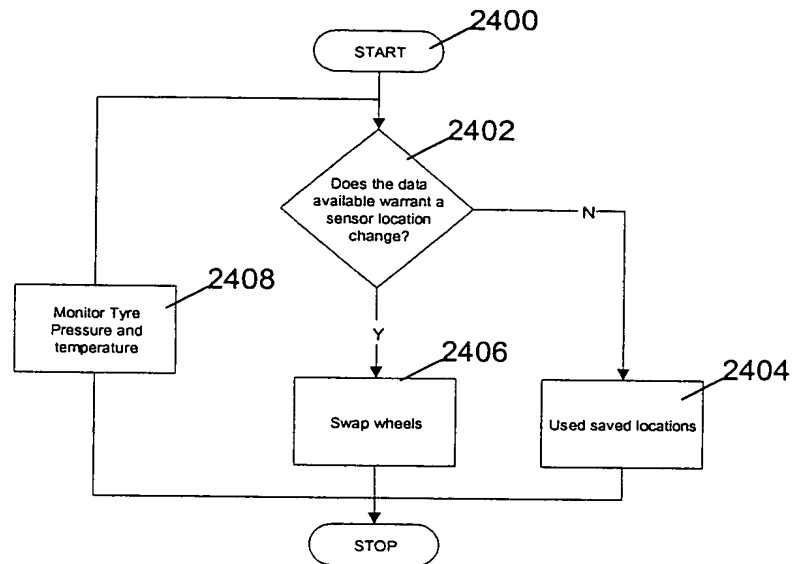


FIG. 24



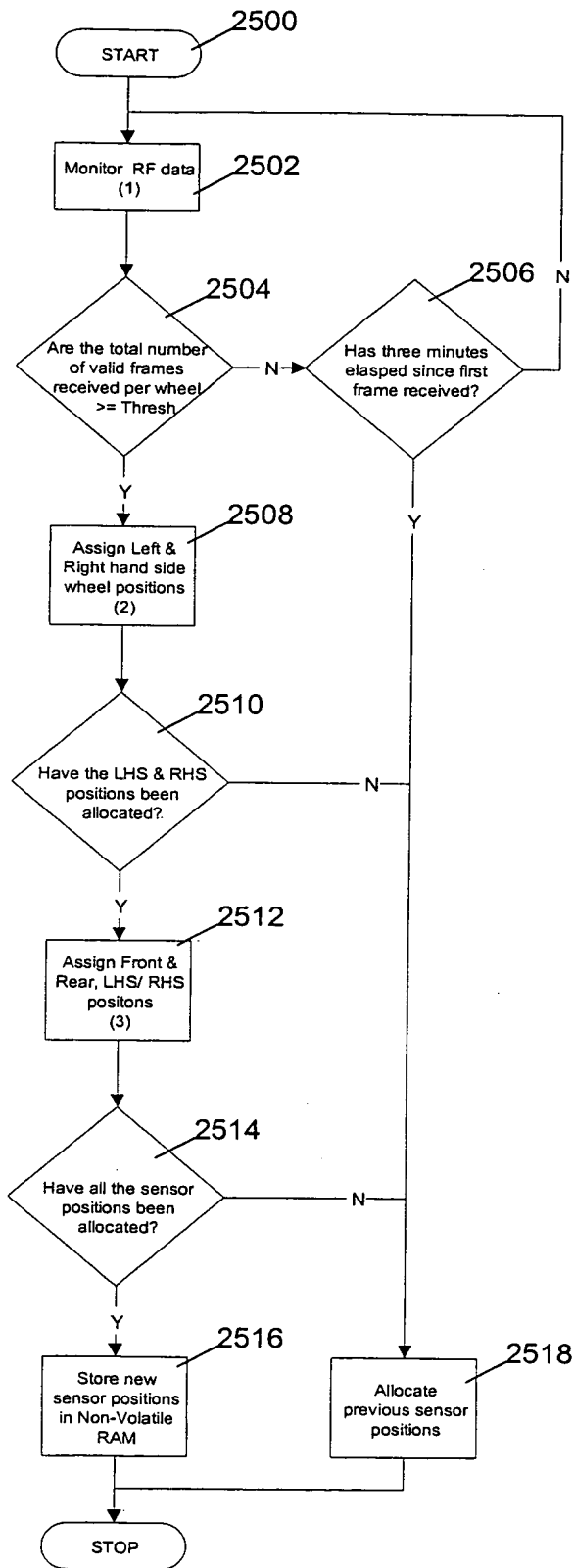


FIG. 25

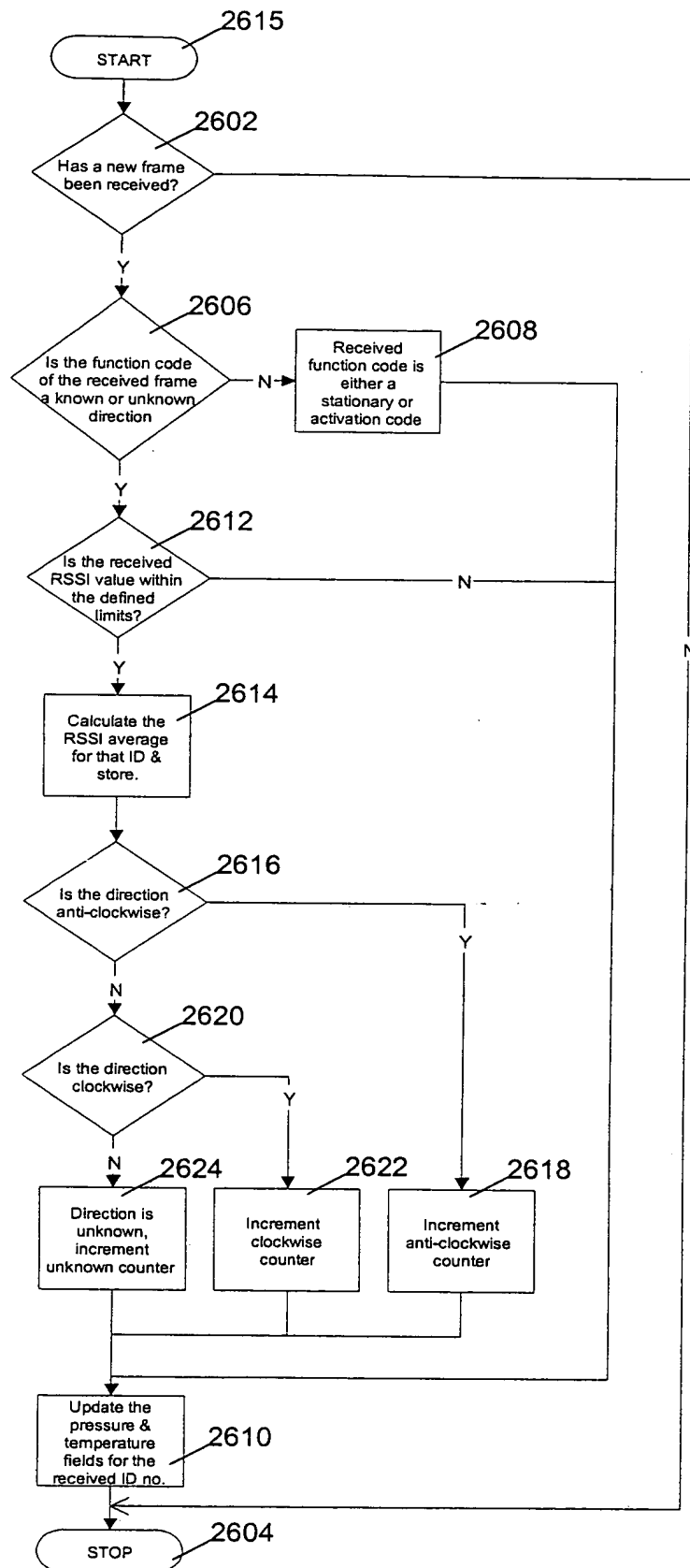


FIG. 27

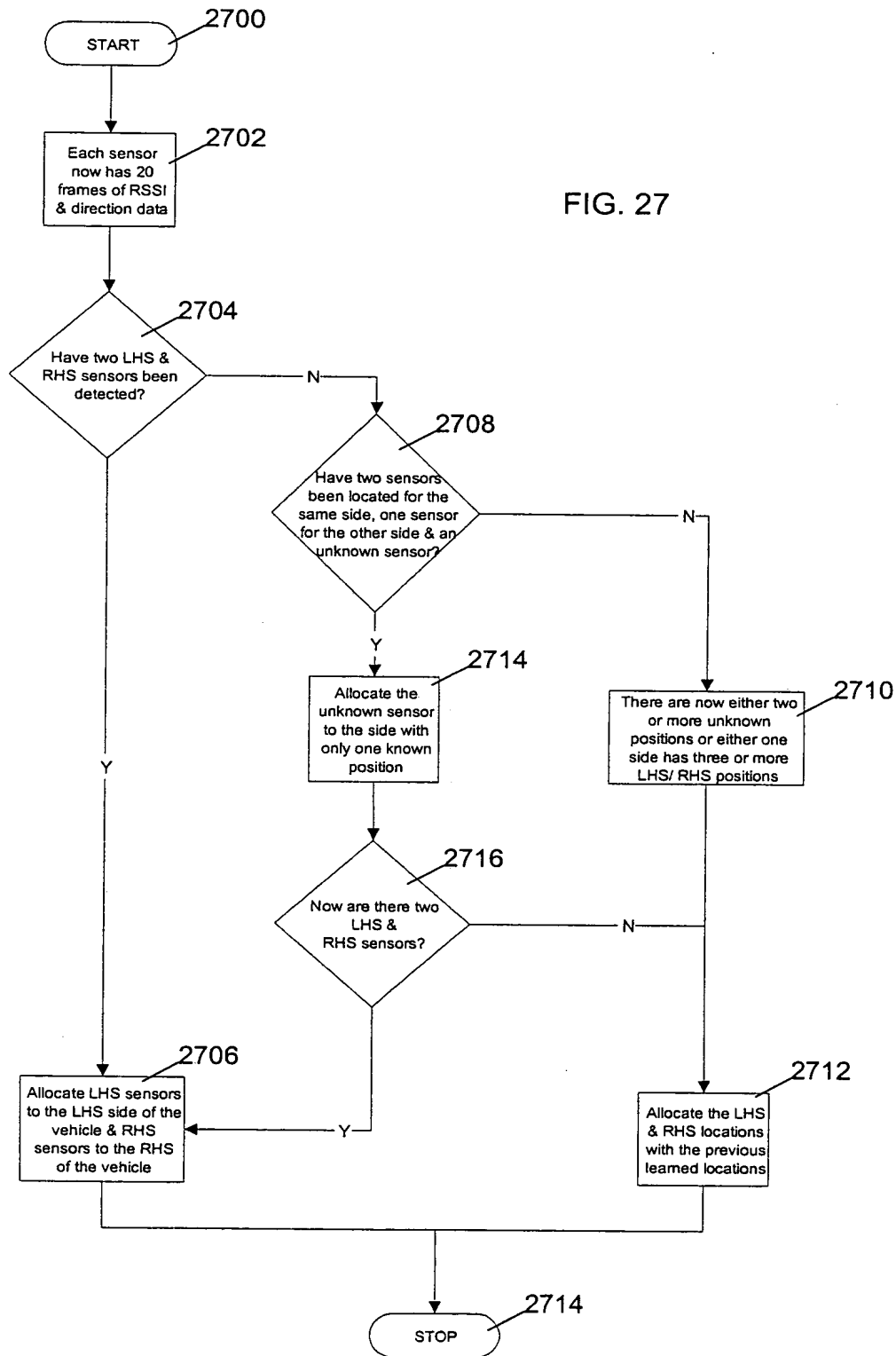


FIG. 28

